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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2019-03-29-110** **Date: 19/03/2019**
Customer	:	Assistant Executive Engineer, T- Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T- Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Drain and Concrete Works at Karekallu and Bagalagunte Old Village Surrounding in Ward No.14 Bagalagunte
Agency	:	Technical Manager(West) KRIDL, No.280,59th Cross 17th C Main Road 3rd Y Block, Rajajinagara, Bangaluru-560010
Customer's Reference	:	EE/DD/WO/365/18-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	14-03-19
Customer ID	:	Cement Concrete Pavement
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M30 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	19/03/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	12/03/2019	19/03/2019	151.81 X 151.40 X 149.72	22984	8.467	576.0	25.1	25.4
2	Cement Concrete Pavement	M30	12/03/2019	19/03/2019	151.85 X 151.49 X 149.93	23005	8.493	614.1	26.7	
3	Cement Concrete Pavement	M30	12/03/2019	19/03/2019	149.85 X 150.20 X 149.67	22508	8.918	552.9	24.6	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
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Samples will be disposed after 90 days from the date of issue of test certificate

ASSISTANT EXECUTIVE ENGINEER
B B M P Dasarahalli, Sub Division
Bagalagunte, Bangalore-73.

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-03-29-110** **Date: 20/03/2019**

Customer : Assistant Executive Engineer, T- Dasarahalli Sub Division, BBMP, Bangalore.

Address : T- Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Construction of Drain and Concrete Works at Karekallu and Bagalagunte Old Village Surrounding in Ward No.14 Bagalagunte

Agency : Technical Manager(West) KRIDL, No.280,59th Cross 17th C Main Road 3rd Y Block, Rajajinagara, Bangaluru-560010

Customer's Reference : EE/DD/WO/365/18-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 15-03-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 20/03/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	13/03/2019	20/03/2019	150.80 X 151.60 X 151.87	22862	8.467	580.3	25.4	25.5
2	Cement Concrete Pavement	M30	13/03/2019	20/03/2019	150.53 X 150.18 X 150.07	22608	8.493	609.1	26.9	
3	Cement Concrete Pavement	M30	13/03/2019	20/03/2019	150.99 X 151.41 X 151.72	22862	8.918	554.8	24.3	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2019-03-29-110** **Date: 20/03/2019**
Customer	:	Assistant Executive Engineer, T- Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T- Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Drain and Concrete Works at Karekallu and Bagalagunte Old Village Surrounding in Ward No.14 Bagalagunte
Agency	:	Technical Manager(West) KRIDL, No.280,59th Cross 17th C Main Road 3rd Y Block, Rajajinagara, Bangaluru-560010
Customer's Reference	:	EE/DD/WO/365/18-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	15-03-19
Customer ID	:	Cement Concrete Pavement
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M30 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	20/03/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	13/03/2019	20/03/2019	150.35 X 150.97 X 149.11	22699	8.467	583.4	25.7	25.6
2	Cement Concrete Pavement	M30	13/03/2019	20/03/2019	149.45 X 150.39 X 151.46	22475	8.493	605.5	26.9	
3	Cement Concrete Pavement	M30	13/03/2019	20/03/2019	149.39 X 151.16 X 149.94	22581	8.918	544.2	24.1	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-03-29-110

Date: 20/03/2019

Customer : Assistant Executive Engineer, T- Dasarahalli Sub Division, BBMP, Bangalore.

Address : T- Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Construction of Drain and Concrete Works at Karekallu and Bagalagunte Old Village Surrounding in Ward No.14 Bagalagunte

Agency : Technical Manager(West) KRIDL, No.280,59th Cross 17th C Main Road 3rd Y Block, Rajajinagara, Bangaluru-560010

Customer's Reference : EE/DD/WO/365/18-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 15-03-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 20/03/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	13/03/2019	20/03/2019	149.02 X 149.44 X 149.72	22270	8.467	569.7	25.6	25.7
2	Cement Concrete Pavement	M30	13/03/2019	20/03/2019	151.51 X 150.56 X 149.44	22811	8.493	610.1	26.7	
3	Cement Concrete Pavement	M30	13/03/2019	20/03/2019	149.95 X 150.82 X 151.73	22616	8.918	562.4	24.9	

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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID	:	**CP-2019-03-29-110**
Customer	:	Assistant Executive Engineer, T- Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T- Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Drain and Concrete Works at Karekallu and Bagalagunte Old Village Surrounding in Ward No.14 Bagalagunte
Agency	:	Technical Manager(West) KRIDL, No.280,59th Cross 17th C Main Road 3rd Y Block, Rajajinagara, Bangaluru-560010
Customer's Reference	:	EE/DD/WO/365/18-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-03-19
Customer ID	:	Cement Concrete Pavement
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M30 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	21/03/2019

Date: 21/03/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	14/03/2019	21/03/2019	149.06 X 149.55 X 149.75	22292	8.467	574.1	25.8	25.4
2	Cement Concrete Pavement	M30	14/03/2019	21/03/2019	151.67 X 150.77 X 149.62	22867	8.493	598.6	26.2	
3	Cement Concrete Pavement	M30	14/03/2019	21/03/2019	149.28 X 150.21 X 149.50	22423	8.918	541.3	24.1	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-03-29-110 **Date: 31/03/2019**

Customer : Assistant Executive Engineer, T- Dasarahalli Sub Division, BBMP, Bangalore.

Address : T- Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Construction of Drain and Concrete Works at Kurekallu and Bagalagunte Old Village Surrounding in Ward No 14 Bagalagunte

Agency : Technical Manager(West) KRIDL, No.280,59th Cross 17th C Main Road 3rd Y Block, Rajajinagara, Bangalore-560010

Customer's Reference : EE/DD/WO/365/18-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 16-03-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 21/03/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	14/03/2019	21/03/2019	150.01 X 150.87 X 149.68	22641	8.467	580.3	25.6	25.3
2	Cement Concrete Pavement	M30	14/03/2019	21/03/2019	151.69 X 150.07 X 151.56	22763	8.493	594.7	26.1	
3	Cement Concrete Pavement	M30	14/03/2019	21/03/2019	150.87 X 149.64 X 151.21	22576	8.918	542.4	24.0	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-03-29-110** **Date: 21/03/2019**

Customer : Assistant Executive Engineer, T- Dasarahalli Sub Division, BBMP, Bangalore.

Address : T- Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Construction of Drain and Concrete Works at Karekallu and Bagalagunte Old Village Surrounding in Ward No.14 Bagalagunte

Agency : Technical Manager(West) KRIDL, No.280,59th Cross 17th C Main Road 3rd Y Block, Rajajinagara, Bangaluru-560010

Customer's Reference : EE/DD/WO/365/18-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 16-03-19

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 21/03/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	14/03/2019	21/03/2019	150.30 X 150.12 X 149.96	22564	8.467	581.2	25.8	25.6
2	Cement Concrete Pavement	M30	14/03/2019	21/03/2019	149.52 X 150.63 X 150.17	22523	8.493	603.9	26.8	
3	Cement Concrete Pavement	M30	14/03/2019	21/03/2019	151.32 X 149.22 X 149.69	22581	8.918	544.8	24.1	

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ASSISTANT EXECUTIVE ENGINEER
B B M P Dasarahalli, Sub Division
Bagalagunte, Bangalore-73.

FOR CIVIL Pro.

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CIVIL PRO Sig..... Date..... BANGALORE

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF GRADATION FOR WMM

Lab ID : CP-RW-2019-03-29-110 **Date: 23-03-19**

Customer : Assistant Executive Engineer, T- Dasarahalli Sub Division, BBMP, Bangalore.

Address : T- Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Construction of Drain and Concrete Works at Karekallu and Bagalagunte Old Village Surrounding in Ward No.14 Bagalagunte

Agency : Technical Manager(West) KRIDL, No.280,59th Cross 17th C Main Road 3rd Y Block, Rajajinagara, Bangaluru-560010

Customer Reference : EE/DD/WO/365/18-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 21-03-19

Type of Mix : WMM (Wet Mix Macadam)

Date of test : 21-03-19

Oven Dry Weight : 11000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	% Cumulative Weight Retained	% Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0.0	100.0	100
45	315	315	2.9	97.1	95-100
22.4	2259	2574	23.4	76.6	60-80
11.2	2179	4753	43.2	56.8	40-60
4.75	2251	7004	63.7	36.3	25-40
2.36	1621	8625	78.4	21.6	15-30
0.6	623	9248	84.1	15.9	8-22
0.075	1338	10586	96.2	3.8	0-5

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